



## EPD Solvent Extraction System

*For Solvent Extraction of Cannabis and Hemp Oil*



*The CannaTrue™ EPD Solvent Extraction System is a complete system designed to extract, process and purify essential oils and help capture the desired cannabinoids from cannabis and hemp.*



## Extraction, Purification and Distillation System with 90% Ethanol Recovery

Achieve stronger yield while using safer ethanol during the extraction, purification and distillation processes.

### Features

#### Automation

- Closed loop system from Extraction to Distillation
- Designed for single operator
- Automated batch recording
- Real-time monitoring/remote monitoring
- Calibrated system

#### Safety

- UL certified electronics
- 304 or 316 stainless steel construction
- Minimal solvent interface
- Operates in a controlled and enclosed environment within the unit's footprint

#### Ergonomics

- Flexible displays/user configuration
- Built modularly to provide flexibility when processing
- Convenient material loading/unloading

#### Performance

- EtOH Extraction, Purification and Distillation system
- EtOH recovery greater than 90% (D module)
- Process multiple batches of biomass per day to achieve maximum extraction yield
- Cycle time tunability



# EPD Solvent Extraction System



## Technical Specifications

<b>Extraction Module</b>	Flexibility to run flower, trim or post-run CO2/BHO materials Inline winterization - No carry-over of fats, waxes, lipids Maximum batch size = 8-11 pounds (depending on mill size) Automated recirculation/ insulated chamber Wash cycle options - Time, temperature and mixture adjustments (depending on standard operating procedure) Low temperature compatibility -40 -60°C* Touchscreen interface/real-time monitoring
<b>Purification Module</b>	Automated recirculating purification/filtration Removes impurities and reduces chlorophyll Inline measurement control and monitoring - Time, temperature and color Process view sight glass
<b>Distillation Module</b>	Ethanol recovery and reuse Ethanol recovery greater than 90% Temperature control and inline cooling Touchscreen interface
<b>System Design</b>	Real-time performance monitoring/remote monitoring and control Single-operator batch processing System built mobile for ease of movement and use Dual wall stainless steel construction PLC controls with LCD display/flexible displays/user configurable Cycle time tunability

\*operating temperatures may vary depending on chiller capacity and cycle times

## Cost-Saving Benefits and Advantages

Our cannabis and hemp extraction and solvent removal/recovery solutions are designed to help positively impact your yields and time while lowering your solvent spend, reducing solvent waste and disposal costs, adhere to relevant industry regulations, and maintain certifications while confidently impacting the environment.



Achieve sustainability



Reduce hazardous waste






Improve operational efficiency



Save annually on solvent purchase and disposal costs

**CBG Biotech**  
30175 Solon Industrial Pkwy  
Solon, OH 44139

 [cbgbiotech.com](http://cbgbiotech.com)  
 (800) 941-9484  
 [info@cbgbiotech.com](mailto:info@cbgbiotech.com)



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